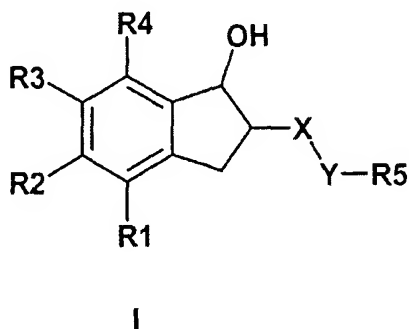


**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A compound of the formula I,



in which

A)

R1 to R4 are H;

X is S, ~~SO~~, ~~SO<sub>2</sub>~~;

Y is (CH<sub>2</sub>)<sub>p</sub>, where p is 0, 1, 2 or 3;

R5 is CF<sub>3</sub>, (C<sub>2</sub>-C<sub>18</sub>)-alkyl, (C<sub>3</sub>-C<sub>4</sub>)-cycloalkyl, (C<sub>6</sub>-C<sub>8</sub>)-cycloalkyl, wherein the alkyl or cycloalkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine;

(CH<sub>2</sub>)<sub>r</sub>-COR<sub>6</sub>, where r is 1-6 and R<sub>6</sub> is OH, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl or NH<sub>2</sub>;

CH<sub>2</sub>-CH(NHR<sub>7</sub>)-COR<sub>8</sub>, where R<sub>7</sub> is H, C(O)-(C<sub>1</sub>-C<sub>4</sub>)-alkyl or C(O)O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl and R<sub>8</sub> is OH, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl or NH<sub>2</sub>;

phenyl, 1- or 2-naphthyl, or biphenyl or a heterocyclic radical, where the rings or ring systems are substituted one or two times by F, Cl, Br, I, CN, O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>8</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, N[(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl]<sub>2</sub>, NH-CO-(C<sub>2</sub>-C<sub>8</sub>)-alkyl, NH-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, SO<sub>3</sub>H, SO<sub>2</sub>-NH<sub>2</sub>, SO<sub>2</sub>-NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, SO<sub>2</sub>-NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH-SO<sub>2</sub>-NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-SO<sub>2</sub>-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-COOH, O-CH<sub>2</sub>-CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-O-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, CO-NH<sub>2</sub>, CO-NH(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, or (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, wherein the alkyl or cycloalkyl groups in each case have zero to seven hydrogen atoms independently replaced by fluorine, ~~or~~  
F, Cl, Br, I, ~~or~~ CN;

with the proviso that R5 is not unsubstituted phenyl, 4-fluorophenyl, 4-bromophenyl, 4-chlorophenyl, 3-methylphenyl, 4-methylphenyl, 4-methoxyphenyl, 4-n-butylphenyl, 4-t-butylphenyl, 2-aminophenyl, 2-nitrophenyl or C<sub>12</sub>-alkyl;

or

B)

R1, R4

independently of one another are

H, F, Cl, Br, I, CN, N<sub>3</sub>, NO<sub>2</sub>, OH, O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O(C<sub>3</sub>-C<sub>4</sub> and C<sub>6</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-phenyl, O-phenyl, O-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>8</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, N[(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl]<sub>2</sub>, NH-

CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, SO<sub>3</sub>H, SO<sub>2</sub>-NH<sub>2</sub>, SO<sub>2</sub>-NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, SO<sub>2</sub>-NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH-SO<sub>2</sub>-NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-SO<sub>2</sub>-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-COOH, O-CH<sub>2</sub>-CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-O-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, CO-NH<sub>2</sub>, CO-NH(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>2</sub>-C<sub>8</sub>)-alkenyl, or (C<sub>2</sub>-C<sub>8</sub>)-alkynyl, where in the alkyl, cycloalkyl, alkenyl and alkynyl groups in each case have zero to seven hydrogen atoms replaced by fluorine, or one hydrogen replaced by OH, OC(O)CH<sub>3</sub>, O-CH<sub>2</sub>-Ph, NH<sub>2</sub>, NH-CO-CH<sub>3</sub> or N(COOCH<sub>2</sub>Ph)<sub>2</sub>; or phenyl, or 1- or 2-naphthyl, ~~5-tetrazolyl, 1-[(C<sub>4</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl, 2-[(C<sub>4</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl; 1-imidazolyl; 1- or 4-[1,2,4] triazolyl, 2- or 3-thienyl, 2- or 3-furyl, 2, 3- or 4-pyridyl, 2, 4- or 5-oxazolyl, 3, 4- or 5-isoxazolyl, 2, 4- or 5-thiazolyl, or 3, 4- or 5-isothiazolyl~~ where in each case the aryl radical or heterocycle is unsubstituted or substituted one or two times by F, Cl, Br, CN, OH, (C<sub>1</sub>-C<sub>4</sub>)-alkyl, CF<sub>3</sub>, O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>6</sub>)-alkyl, NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, COOH, CO-O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl or CO-NH<sub>2</sub> and in the alkyl groups one to seven hydrogen atoms may be replaced by fluorine;

R2, R3 independently of one another are

H, F, Cl, Br, I, CN, N<sub>3</sub>, NO<sub>2</sub>, O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>8</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, N[(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl]<sub>2</sub>, NH-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, SO<sub>3</sub>H, SO<sub>2</sub>-NH<sub>2</sub>, SO<sub>2</sub>-NH-(C<sub>5</sub>-C<sub>8</sub>)-alkyl, SO<sub>2</sub>-NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH-SO<sub>2</sub>-NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-SO<sub>2</sub>-(C<sub>5</sub>-C<sub>8</sub>)-cycloalkyl; O-CH<sub>2</sub>-COOH, O-CH<sub>2</sub>-CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-O-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, CO-NH<sub>2</sub>, CO-NH(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>2</sub>-C<sub>8</sub>)-alkenyl, or (C<sub>2</sub>-C<sub>8</sub>)-alkynyl, where in the alkyl, cycloalkyl, alkenyl and alkynyl groups in each case have zero to seven hydrogen atoms replaced by fluorine, or one hydrogen replaced by OH, OC(O)CH<sub>3</sub>, O-CH<sub>2</sub>-Ph, NH<sub>2</sub>, NH-CO-CH<sub>3</sub> or N(COOCH<sub>2</sub>Ph)<sub>2</sub>; or

phenyl, or 1- or 2-naphthyl,

~~5-tetrazolyl,~~

~~1-[(C<sub>1</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl,~~

~~2-[(C<sub>1</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl;~~

~~1-imidazolyl;~~

~~1- or 4-[1,2,4]-triazolyl,~~

~~2- or 3-thienyl,~~

~~2- or 3-furyl,~~

~~2-, 3- or 4-pyridyl,~~

~~2-, 4- or 5-oxazolyl,~~

~~3-, 4- or 5-isoxazolyl,~~

~~2-, 4- or 5-thiazolyl,~~

~~3-, 4- or 5-isothiazolyl~~

~~where the heterocycle is unsubstituted or substituted one or two times by  
F, Cl, Br, CN, OH, (C<sub>1</sub>-C<sub>4</sub>)-alkyl, CF<sub>3</sub>, O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl,  
S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>6</sub>)-alkyl, NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, COOH, CO-O-(C<sub>1</sub>-C<sub>4</sub>)-  
alkyl or CO-NH<sub>2</sub> and wherein in the alkyl groups in each case have zero to  
seven hydrogen atoms replaced by fluorine;~~

or R2 and R3 together form the group -O-CH<sub>2</sub>-O-;

where in each case at least one of the radicals R1, R2, R3 and R4 is different from  
hydrogen;

X is ~~S-, SO-, SO<sub>2</sub>-~~

Y is (CH<sub>2</sub>)<sub>p</sub>, where p ~~can be~~ is 0, 1, 2 or 3;

R5 is (C<sub>1</sub>-C<sub>18</sub>)-alkyl or (C<sub>3</sub>-C<sub>4</sub>- and C<sub>6</sub>-C<sub>8</sub>)-cycloalkyl, wherein the alkyl and  
cycloalkyl groups in each case have zero to seven hydrogen atoms  
replaced by fluorine;

(CH<sub>2</sub>)<sub>r</sub>-COR6, where r is 1-6 and R6 is OH, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl or NH<sub>2</sub>;

CH<sub>2</sub>-CH(NHR7)-COR8, where R7 is H, C(O)-(C<sub>1</sub>-C<sub>6</sub>)-alkyl or C(O)O-(C<sub>1</sub>-  
C<sub>6</sub>)-alkyl and R8 is OH, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl or NH<sub>2</sub>;

phenyl, 1- or 2-naphthyl, or biphenyl ~~or a heterocyclic radical~~, where the  
rings or ring systems can be substituted up to two times by F, Cl, Br, I, CN,  
O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-CO-(C<sub>3</sub>-C<sub>8</sub>)-  
cycloalkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>8</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>8</sub>)-

alkyl, NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, N[(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl]<sub>2</sub>, NH-CO-(C<sub>2</sub>-C<sub>8</sub>)-alkyl, NH-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, SO<sub>3</sub>H, SO<sub>2</sub>-NH<sub>2</sub>, SO<sub>2</sub>-NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, SO<sub>2</sub>-NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH-SO<sub>2</sub>-NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-SO<sub>2</sub>-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-COOH, O-CH<sub>2</sub>-CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-O-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, CO-NH<sub>2</sub>, CO-NH(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, or (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, where in the alkyl or cycloalkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine; or  
~~F, Cl, Br, I, or CN;~~

or a physiologically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

2. (Currently Amended) The compound as claimed in claim 1, in which

R1, R4 independently of one another are  
H, F, Cl, Br, I, CN, N<sub>3</sub>, NO<sub>2</sub>, OH, O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O(C<sub>3</sub>-C<sub>4</sub> and C<sub>6</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-phenyl, O-phenyl, O-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>8</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, N[(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl]<sub>2</sub>, NH-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, SO<sub>3</sub>H, SO<sub>2</sub>-NH<sub>2</sub>, SO<sub>2</sub>-NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, SO<sub>2</sub>-NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH-SO<sub>2</sub>-NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-SO<sub>2</sub>-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-COOH, O-CH<sub>2</sub>-CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, CO-O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-O-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, CO-NH<sub>2</sub>, CO-NH(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>2</sub>-C<sub>8</sub>)-alkenyl, or (C<sub>2</sub>-C<sub>8</sub>)-alkynyl, wherein the alkyl, cycloalkyl, alkenyl and alkynyl groups in each case have zero to seven hydrogen atoms replaced by

fluorine, or one hydrogen replaced by OH, OC(O)CH<sub>3</sub>, O-CH<sub>2</sub>-Ph, NH<sub>2</sub>, NH-CO-CH<sub>3</sub> or N(COOCH<sub>2</sub>Ph)<sub>2</sub>; or

phenyl, or 1- or 2-naphthyl,

~~5-tetrazolyl, 1-[(C<sub>4</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl, 2-[(C<sub>4</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl;~~

~~1-imidazolyl;~~

~~1-or 4-[1,2,4]-triazolyl,~~

~~2-or 3-thienyl,~~

~~2-or 3-furyl,~~

~~2, 3-or 4-pyridyl,~~

~~2, 4-or 5-oxazolyl,~~

~~3, 4-or 5-isoxazolyl,~~

~~2, 4-or 5-thiazolyl,~~

~~3, 4-or 5-isothiazolyl~~

where in each case the aryl radical ~~or heterocycle~~ is unsubstituted or substituted one or two times by

F, Cl, Br, CN,

OH, (C<sub>1</sub>-C<sub>4</sub>)-alkyl, CF<sub>3</sub>, O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl,

S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>6</sub>)-alkyl, NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>4</sub>)-alkyl,

COOH, CO-O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, CO-NH<sub>2</sub> and wherein in the alkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine;

R<sub>2</sub>, R<sub>3</sub> independently of one another are

H, F, Cl, Br, I, CN, N<sub>3</sub>, NO<sub>2</sub>, O(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, O-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, S(O)<sub>0-2</sub>(C<sub>1</sub>-C<sub>8</sub>)-alkyl, S(O)<sub>0-2</sub>(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, N[(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl]<sub>2</sub>, NH-CO-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-CO-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl,

SO<sub>3</sub>H, SO<sub>2</sub>-NH<sub>2</sub>, SO<sub>2</sub>-NH-(C<sub>5</sub>-C<sub>8</sub>)-alkyl, SO<sub>2</sub>-NH-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, NH-SO<sub>2</sub>-NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, NH-SO<sub>2</sub>-(C<sub>5</sub>-C<sub>8</sub>)-cycloalkyl, O-CH<sub>2</sub>-COOH, O-CH<sub>2</sub>-CO-O-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, CO-O-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-O-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, CO-NH<sub>2</sub>, CO-NH-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, CO-N[(C<sub>1</sub>-C<sub>8</sub>)-alkyl]<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>2</sub>-C<sub>8</sub>)-alkenyl, or (C<sub>2</sub>-C<sub>8</sub>)-alkynyl, where in the alkyl, alkenyl cycloalkyl and alkynyl groups in each case have zero to seven hydrogen atoms replaced by fluorine, or one hydrogen replaced by OH, OC(O)CH<sub>3</sub>, O-CH<sub>2</sub>-Ph, NH<sub>2</sub>, NH-CO-CH<sub>3</sub> or N(COOCH<sub>2</sub>Ph)<sub>2</sub>; or

phenyl, or 1- or 2-naphthyl,  
~~5-tetrazolyl,~~  
~~1-[(C<sub>4</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl,~~  
~~2-[(C<sub>4</sub>-C<sub>6</sub>)-alkyl]-5-tetrazolyl;~~  
~~1-imidazolyl;~~  
~~1-or 4-[1,2,4]-triazolyl,~~  
~~2-or 3-thienyl,~~  
~~2-or 3-furyl,~~  
~~2-, 3-or 4-pyridyl,~~  
~~2-, 4-or 5-oxazolyl,~~  
~~3-, 4-or 5-isoxazolyl,~~  
~~2-, 4-or 5-thiazolyl,~~  
~~3-, 4-or 5-isothiazolyl~~

~~where the heterocycle may be substituted up to two times by~~

~~F, Cl, Br, CN, OH, (C<sub>4</sub>-C<sub>4</sub>)-alkyl, CF<sub>3</sub>, O-(C<sub>4</sub>-C<sub>4</sub>)-alkyl,~~

~~S(O)<sub>0-2</sub>(C<sub>4</sub>-C<sub>6</sub>)-alkyl, NH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>4</sub>-C<sub>4</sub>)-alkyl;~~

~~COOH, CO-O-(C<sub>4</sub>-C<sub>4</sub>)-alkyl, CO-NH<sub>2</sub>~~ wherein the alkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine;



or R2 and R3 together form the group  $-O-CH_2-O-$ ;  
where in each case at least one of the radicals R1, R2, R3 and R4 is different from hydrogen;

X is  $S$ ,  $SO$ ,  $SO_2$ ;

Y is  $(CH_2)_p$ , where p can be 0, 1, 2 or 3;

R5 is  $(C_1-C_{18})$ -alkyl or  $(C_3-C_4$ - and  $C_6-C_8)$ -cycloalkyl, wherein the alkyl or cycloalkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine;

$(CH_2)_r-COR_6$ , where r is 1-6 and R6 is OH,  $O-(C_1-C_6)$ -alkyl or  $NH_2$ ;

$CH_2-CH(NHR_7)-COR_8$ , where R7 is H,  $C(O)-(C_1-C_6)$ -alkyl or  $C(O)O-(C_1-C_6)$ -alkyl where R8 is OH,  $O-(C_1-C_6)$ -alkyl or  $NH_2$ ;

phenyl, 1- or 2-naphthyl, or biphenyl or a heterocyclic radical, where the rings or ring systems can be substituted up to two times by F, Cl, Br, I, CN,  $O-(C_1-C_8)$ -alkyl,  $O-(C_3-C_8)$ -cycloalkyl,  $O-CO-(C_1-C_8)$ -alkyl,  $O-CO-(C_3-C_8)$ -cycloalkyl,  $S(O)_{0-2}(C_1-C_8)$ -alkyl,  $S(O)_{0-2}(C_3-C_8)$ -cycloalkyl,  $NH_2$ ,  $NH-(C_1-C_8)$ -alkyl,  $NH-(C_3-C_8)$ -cycloalkyl,  $N[(C_1-C_8)-alkyl]_2$ ,  $N[(C_3-C_8)-cycloalkyl]_2$ ,  $NH-CO-(C_2-C_8)$ -alkyl,  $NH-CO-(C_3-C_8)$ -cycloalkyl;  $SO_3H$ ;  $SO_2-NH_2$ ,  $SO_2-NH-(C_1-C_8)$ -alkyl,  $SO_2-NH-(C_3-C_8)$ -cycloalkyl;  $NH-SO_2-NH_2$ ;  $NH-SO_2-(C_1-C_8)$ -alkyl,  $NH-SO_2-(C_3-C_8)$ -cycloalkyl;  $O-CH_2-COOH$ ,  $O-CH_2-CO-O-(C_1-C_8)$ -alkyl,  $COOH$ ,  $CO-O-(C_1-C_8)$ -alkyl,  $CO-O-(C_3-C_8)$ -cycloalkyl,  $CO-NH_2$ ,  $CO-NH-(C_1-C_8)$ -alkyl,  $CO-N[(C_1-C_8)-alkyl]_2$ ;  $(C_1-C_8)$ -alkyl, or  $(C_3-C_8)$ -cycloalkyl, wherein

the alkyl or cycloalkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine; or

~~F, Cl, Br, I, or CN;~~

or a physiologically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

3. (Currently Amended) The compound as claimed in claim 1, in which

R1, R4 independently of one another are H, F, Cl, or Br;

R2, R3 independently of one another are H, F, Cl, Br, CN, CONH<sub>2</sub>, NH-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, O-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, COOH, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>1</sub>-C<sub>8</sub>)-alkenyl, (C<sub>1</sub>-C<sub>8</sub>)-alkynyl, wherein the alkyl, alkenyl and alkynyl groups in each case have zero to seven hydrogen atoms replaced by fluorine; or

phenyl, ~~or 1-imidazolyl~~; where the rings may be substituted up to two times by

F, Cl, Br, CN, OH, (C<sub>1</sub>-C<sub>4</sub>)-alkyl, CF<sub>3</sub>, O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl,

wherein the alkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine;

where in each case at least one of the radicals R1, R2, R3 and R4 is different from hydrogen;

X is ~~S, SO, SO<sub>2</sub>~~;

Y is  $(CH_2)_p$ , where p can be is 0 or 1;

R5 is  $(C_1-C_{18})$ -alkyl or  $(C_3-C_4$ - and  $C_6-C_8)$ -cycloalkyl, where in the alkyl and cycloalkyl groups in each case have zero to seven hydrogen atoms replaced by fluorine;

$(CH_2)_r$ -CO-O- $(C_1-C_6)$ -alkyl, where r is 1-6;

$CH_2-CH(NHR_7)-COR_8$ , where  $R_7$  is H,  $C(O)-(C_1-C_4)$ -alkyl or  $C(O)O-(C_1-C_4)$ -alkyl and  $R_8$  is OH, O- $(C_1-C_6)$ -alkyl or  $NH_2$ ;

phenyl, ~~a heterocyclic radical~~;

or a physiologically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

4. (Cancelled)

5. (Original) The compound as claimed in claim 1, which

R1 is H,

R2 is Cl,

R3 is H,

R4 is H,

R5 is  $CH_3$ ,

X is S, and

Y is  $(CH_2)_p$  where p is 0

or a physiologically tolerable salt thereof, in any stereoisomeric form, or a mixture of any such compounds in any ratio.

6. - 29. (Cancelled)